



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Spalding, W. A.

Serial No.: 09/809,529

Filed: March 15, 2001

For: Demulsifier for Aqueous  
Completion Fluids

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Group Art Unit: 1712

Examiner: Metzmaier, D.S.

Atty. Docket: 194-26331-US

#9/B  
11/5/02  
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RESPONSE TO SECOND OFFICE ACTION

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Box Response

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This paper is filed in response to the office action mailed July 3, 2002.

AMENDMENTS

In the Claims:

Please cancel claims 2, 10, 14, 17, and 77-81, without prejudice.

Please amend the following claims:

1. (Amended) A demulsifier composition to prevent or resolve downhole emulsions in aqueous solutions, said demulsifier composition comprising:

a demulsifying amount of an ionic surfactant effective to perform a function selected from the group consisting of demulsifying an emulsion in an aqueous solution and preventing formation of an emulsion in an aqueous solution;

a first solubilizing quantity of a non-ionic surfactant effective to solubilize said demulsifier in said aqueous solution, said non-ionic surfactant comprising an alkoxyated compound having the following general formula:

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01 FC:1202 774.00 CH  
02 FC:1251 110.00 CH